



ENERSHIELD Air Barriers

Specializing in Energy Management Climate Control Systems

Energy Saving Technology

Manufacturing & Design

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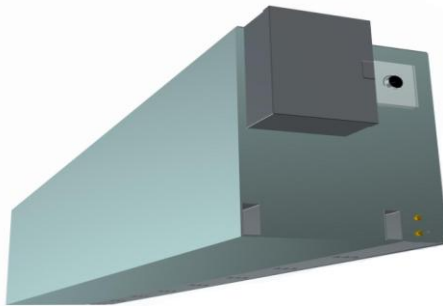
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www.enershield.ca

Durashield DS-96 - Air Barrier Specifications

Enershield model DS-96 Durashield Air Barrier 96” (2439 mm) in length. Powder coated 1/8” steel frame construction & 20 gauge G.90 sheet metal jacket, c/w acoustic insulation. Provided with telescopic sliders & wall brackets. Top air intake is standard (optional front air intake available upon request). Integral NEMA 1 control panel incorporating photo electric cell door sensor for automatic activation upon door opening. Operating characteristics: 4 blowers providing Air Velocity = 4500 fpm, Air Volume = 11,300 fpm, Electrical: 208/1/60 Motors: 4 @ ½ hp = 2 hp total (1492Watts): 208/1/60 = 3.7 amps each = 14.8 amps FLA (alternate voltages available see chart below). Variable motor speed control standard in 208/1/60 only. Weight = 400 lbs. Decibel rating is 71 dB at a distance of 10’ from the unit. CSA Certified.



| Model | DS-96 |
|----------------------------|--------------------------------|
| Cabinet Length in./mm | 96” 2439 mm |
| Height x Width | 20” x 17 5/8” 508mm x 448mm |
| Weight | 400 lbs. 182 kgs. |
| Fans/Blowers | 4 |
| Motors - TEAO | 4 |
| Horse Power/Motor | 1/2 hp 373 watts |
| Total Horsepower | 2 hp 1492 watts. |
| Decibels | 71 dB |
| Max FPM at Nozzle | 4500 fpm 22.9 m/s |
| CFM at Nozzle | 11,300 cfm 5,333 l/s |
| Outlet Velocity Uniformity | 95% |

| Available Motors | | | |
|---|--------------------------|---------------------------|---------------------------|
| Operating Voltage: | 575/1/60 | 460/1/60 | 208/1/60 |
| Amp Draw (per motor) FLA | 1.1 Amps ea = 4.4 FLA | 1.35 Amps ea = 5.4 FLA | 3.7 Amps ea = 14.8 FLA |
| Totally enclosed air over design | | | |
| * Variable motor speed control only available at 208/1/60 | | | |

nb: Additional information available on request
12/23/2010